

Iron Pipe Sizes

| Nominal Pipe Size (in.) | Pipe O.D. (in.) | Wall Thickness and O.D. of Insulation (in.) | | | | | | | | | |
|-------------------------|-----------------|---|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|
| | | Nominal ½" Wall | | Nominal 1" Wall | | Nominal 1½" Wall | | Nominal 2" Wall | | Nominal 2½" Wall | |
| | | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) |
| ½ | 0.90 | 0.52 | 1.93 | 0.97 | 2.83 | 1.53 | 3.95 | 2.03 | 4.95 | 2.30 | 5.50 |
| ¾ | 1.15 | 0.51 | 2.17 | 0.84 | 2.83 | 1.40 | 3.95 | 1.90 | 4.95 | 2.71 | 6.57 |
| 1 | 1.40 | 0.51 | 2.41 | 1.03 | 3.45 | 1.53 | 4.45 | 2.05 | 5.50 | 2.59 | 6.57 |
| 1¼ | 1.70 | 0.52 | 2.73 | 0.88 | 3.45 | 1.63 | 4.95 | 1.90 | 5.50 | 2.44 | 6.57 |
| 1½ | 1.97 | 0.52 | 3.00 | 0.99 | 3.95 | 1.49 | 4.95 | 2.30 | 6.57 | 2.80 | 7.57 |
| 2 | 2.40 | 0.53 | 3.45 | 1.03 | 4.45 | 1.55 | 5.50 | 2.09 | 6.57 | 2.59 | 7.57 |
| 2½ | 2.91 | 0.52 | 3.95 | 1.02 | 4.95 | 1.83 | 6.57 | 2.33 | 7.57 | 2.83 | 8.57 |
| 3 | 3.54 | 0.52 | 4.57 | 0.98 | 5.50 | 1.52 | 6.57 | 2.02 | 7.57 | 2.52 | 8.57 |
| 3½ | 4.15 | 0.46 | 5.07 | 1.21 | 6.57 | 1.71 | 7.57 | 2.21 | 8.57 | 2.71 | 9.57 |
| 4 | 4.55 | 0.51 | 5.57 | 1.01 | 6.57 | 1.51 | 7.57 | 2.01 | 8.57 | 2.51 | 9.57 |
| 4½ | 5.15 | 0.47 | 6.09 | 1.21 | 7.57 | 1.71 | 8.57 | 2.21 | 9.57 | 2.78 | 10.70 |
| 5 | 5.62 | 0.52 | 6.65 | 0.98 | 7.57 | 1.48 | 8.57 | 1.98 | 9.57 | 2.54 | 10.70 |
| 6 | 6.69 | 0.51 | 7.71 | 0.94 | 8.57 | 1.44 | 9.57 | 2.01 | 10.70 | 2.51 | 11.70 |
| 7 | 7.70 | - | - | 0.94 | 9.57 | 1.50 | 10.70 | 2.00 | 11.70 | 2.50 | 12.70 |
| 8 | 8.72 | - | - | 0.99 | 10.70 | 1.49 | 11.70 | 1.99 | 12.70 | 2.62 | 13.95 |
| 9 | 9.72 | - | - | 0.99 | 11.70 | 1.49 | 12.70 | 2.12 | 13.95 | 2.62 | 14.95 |
| 10 | 10.85 | - | - | 0.93 | 12.70 | 1.55 | 13.95 | 2.05 | 14.95 | 2.55 | 15.95 |
| 11 | 11.86 | - | - | 1.05 | 13.95 | 1.55 | 14.95 | 2.05 | 15.95 | 2.55 | 16.95 |
| 12 | 12.86 | - | - | 1.05 | 14.95 | 1.55 | 15.95 | 2.05 | 16.95 | 2.55 | 17.95 |
| 14 | 14.13 | - | - | 0.91 | 15.95 | 1.41 | 16.95 | 1.91 | 17.95 | 2.41 | 18.95 |
| 15 | 15.13 | - | - | 0.91 | 16.95 | 1.41 | 17.95 | 1.91 | 18.95 | 2.41 | 19.95 |
| 16 | 16.13 | - | - | 0.91 | 17.95 | 1.41 | 18.95 | 1.91 | 19.95 | 2.41 | 20.95 |
| 17 | 17.15 | - | - | 0.90 | 18.95 | 1.40 | 19.95 | 1.90 | 20.95 | 2.40 | 21.95 |
| 18 | 18.16 | - | - | 0.90 | 19.95 | 1.40 | 20.95 | 1.90 | 21.95 | 2.40 | 22.95 |
| 19 | 19.16 | - | - | 0.90 | 20.95 | 1.40 | 21.95 | 1.90 | 22.95 | 2.40 | 23.95 |
| 20 | 20.17 | - | - | 0.89 | 21.95 | 1.39 | 22.95 | 1.89 | 23.95 | 2.39 | 24.95 |
| 21 | 21.17 | - | - | 0.89 | 22.95 | 1.39 | 23.95 | 1.89 | 24.95 | 2.39 | 25.95 |
| 22 | 22.17 | - | - | 0.89 | 23.95 | 1.39 | 24.95 | 1.89 | 25.95 | 2.39 | 26.95 |
| 23 | 23.17 | - | - | 0.89 | 24.95 | 1.39 | 25.95 | 1.89 | 26.95 | 2.39 | 27.95 |
| 24 | 24.19 | - | - | 0.88 | 25.95 | 1.38 | 26.95 | 1.88 | 27.95 | 2.38 | 28.95 |

MICRO-LOK® HP & MICRO-LOK® HP ULTRA
 HIGH-PERFORMANCE FIBERGLASS PIPE INSULATION

DIMENSIONAL DATA SHEET

Iron Pipe Sizes

| Nominal Pipe Size (in.) | Pipe O.D. (in.) | Wall Thickness and O.D. of Insulation (in.) | | | | | | | | | |
|-------------------------------|-----------------------|---|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | | Nominal 3" Wall | | Nominal 3½" Wall | | Nominal 4" Wall | | Nominal 4½" Wall | | Nominal 5" Wall | |
| | | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) |
| ½ | 0.90 | — | — | — | — | — | — | — | — | — | — |
| ¾ | 1.15 | 3.21 | 7.57 | — | — | — | — | — | — | — | — |
| 1 | 1.40 | 3.09 | 7.57 | — | — | — | — | — | — | — | — |
| 1¼ | 1.70 | 2.94 | 7.57 | — | — | — | — | — | — | — | — |
| 1½ | 1.97 | 3.30 | 8.57 | 3.80 | 9.57 | — | — | — | — | — | — |
| 2 | 2.40 | 3.09 | 8.57 | 3.59 | 9.57 | 4.15 | 10.70 | — | — | — | — |
| 2½ | 2.91 | 3.33 | 9.57 | 3.90 | 10.70 | 4.40 | 11.70 | — | — | — | — |
| 3 | 3.54 | 3.02 | 9.57 | 3.58 | 10.70 | 4.08 | 11.70 | 4.58 | 12.70 | 5.21 | 13.95 |
| 3½ | 4.15 | 3.28 | 10.70 | 3.78 | 11.70 | 4.28 | 12.70 | 4.28 | 12.70 | 4.90 | 13.95 |
| 4 | 4.55 | 3.08 | 10.70 | 3.58 | 11.70 | 4.08 | 12.70 | 4.70 | 13.95 | 5.20 | 14.95 |
| 4½ | 5.15 | 3.28 | 11.70 | 3.78 | 12.70 | 4.40 | 13.95 | 4.40 | 13.95 | 4.90 | 14.95 |
| 5 | 5.62 | 3.04 | 11.70 | 3.54 | 12.70 | 4.17 | 13.95 | 4.67 | 14.95 | 5.17 | 15.95 |
| 6 | 6.69 | 3.01 | 12.70 | 3.63 | 13.95 | 4.13 | 14.95 | 4.63 | 15.95 | 5.13 | 16.95 |
| 7 | 7.70 | 3.13 | 13.95 | 3.63 | 14.95 | 4.13 | 15.95 | 4.63 | 16.95 | 5.13 | 17.95 |
| 8 | 8.72 | 3.12 | 14.95 | 3.62 | 15.95 | 4.12 | 16.95 | 4.62 | 17.95 | 5.12 | 18.95 |
| 9 | 9.72 | 3.12 | 15.95 | 3.62 | 16.95 | 4.12 | 17.95 | 4.62 | 18.95 | 5.12 | 19.95 |
| 10 | 10.85 | 3.05 | 16.95 | 3.55 | 17.95 | 4.05 | 18.95 | 4.55 | 19.95 | 5.05 | 20.95 |
| 11 | 11.86 | 3.05 | 17.95 | 3.55 | 18.95 | 4.05 | 19.95 | 4.55 | 20.95 | 5.05 | 21.95 |
| 12 | 12.86 | 3.05 | 18.95 | 3.55 | 19.95 | 4.05 | 20.95 | 4.55 | 21.95 | 5.05 | 22.95 |
| 14 | 14.13 | 2.91 | 19.95 | 3.41 | 20.95 | 3.91 | 21.95 | 4.41 | 22.95 | 4.91 | 23.95 |
| 15 | 15.13 | 2.91 | 20.95 | 3.41 | 21.95 | 3.91 | 22.95 | 4.41 | 23.95 | 4.91 | 24.95 |
| 16 | 16.13 | 2.91 | 21.95 | 3.41 | 22.95 | 3.91 | 23.95 | 4.41 | 24.95 | 4.91 | 25.95 |
| 17 | 17.15 | 2.90 | 22.95 | 3.40 | 23.95 | 3.90 | 24.95 | 4.40 | 25.95 | 4.90 | 26.95 |
| 18 | 18.16 | 2.90 | 23.95 | 3.40 | 24.95 | 3.90 | 25.95 | 4.40 | 26.95 | 4.90 | 27.95 |
| 19 | 19.16 | 2.90 | 24.95 | 3.40 | 25.95 | 3.90 | 26.95 | 4.40 | 27.95 | 4.90 | 28.95 |
| 20 | 20.17 | 2.89 | 25.95 | 3.39 | 26.95 | 3.89 | 27.95 | 4.39 | 28.95 | 4.89 | 29.95 |
| 21 | 21.17 | 2.89 | 26.95 | 3.39 | 27.95 | 3.89 | 28.95 | 4.39 | 29.95 | 4.89 | 30.95 |
| 22 | 22.17 | 2.89 | 27.95 | 3.39 | 28.95 | 3.89 | 29.95 | 4.39 | 30.95 | 4.89 | 31.95 |
| 23 | 23.17 | 2.89 | 28.95 | 3.39 | 29.95 | 3.89 | 30.95 | 4.39 | 31.95 | 4.89 | 32.95 |
| 24 | 24.19 | 2.88 | 29.95 | 3.38 | 30.95 | 3.88 | 31.95 | 4.38 | 32.95 | 4.88 | 33.95 |

MICRO-LOK® HP & MICRO-LOK® HP ULTRA
 HIGH-PERFORMANCE FIBERGLASS PIPE INSULATION

DIMENSIONAL DATA SHEET

Copper Tubing Sizes

| Tube I.D. Size (in.) | | Tube O.D. (in.) | | Wall Thickness and O.D. of Insulation (in.) | | | | | | | | | |
|-------------------------|----|--------------------|------|---|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | | | | Nominal ½" Wall | | Nominal 1" Wall | | Nominal 1½" Wall | | Nominal 2" Wall | | Nominal 2½" Wall | |
| | | | | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) |
| ½ | ⅝ | 0.51 | 1.67 | 1.09 | 2.83 | 1.40 | 3.45 | 1.90 | 4.45 | 2.43 | 5.50 | | |
| ¾ | ⅞ | 0.52 | 1.93 | 0.97 | 2.83 | 1.53 | 3.95 | 2.03 | 4.95 | 2.84 | 6.57 | | |
| 1 | 1⅛ | 0.51 | 2.17 | 0.84 | 2.83 | 1.40 | 3.95 | 1.90 | 4.95 | 2.71 | 6.57 | | |
| 1¼ | 1⅜ | 0.51 | 2.41 | 1.03 | 3.45 | 1.53 | 4.45 | 2.05 | 5.50 | 2.59 | 6.57 | | |
| 1½ | 1⅝ | 0.52 | 2.73 | 0.88 | 3.45 | 1.38 | 4.45 | 1.90 | 5.50 | 2.44 | 6.57 | | |
| 2 | 2⅛ | 0.51 | 3.16 | 0.90 | 3.95 | 1.40 | 4.95 | 2.21 | 6.57 | 2.71 | 7.57 | | |
| 2½ | 2⅝ | 0.51 | 3.66 | 0.90 | 4.45 | 1.43 | 5.50 | 1.96 | 6.57 | 2.46 | 7.57 | | |
| 3 | 3⅛ | 0.51 | 4.16 | 0.90 | 4.95 | 1.71 | 6.57 | 2.21 | 7.57 | 2.71 | 8.57 | | |
| 3½ | 3⅝ | 0.51 | 4.66 | 0.93 | 5.50 | 1.46 | 6.57 | 1.96 | 7.57 | 2.46 | 8.57 | | |
| 4 | 4⅛ | 0.51 | 5.16 | 1.21 | 6.57 | 1.71 | 7.57 | 2.21 | 8.57 | 2.71 | 9.57 | | |
| 5 | 5⅛ | 0.51 | 6.16 | 1.21 | 7.57 | 1.71 | 8.57 | 2.21 | 9.57 | 2.78 | 10.70 | | |
| 6 | 6⅛ | 0.51 | 7.16 | 1.21 | 8.57 | 1.71 | 9.57 | 2.28 | 10.70 | 2.78 | 11.70 | | |

| Tube I.D. Size (in.) | | Tube O.D. (in.) | | Wall Thickness and O.D. of Insulation (in.) | | | | | | | | | |
|-------------------------|----|--------------------|-------|---|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|-----------------------------------|-----------------------------|
| | | | | Nominal 3" Wall | | Nominal 3½" Wall | | Nominal 4" Wall | | Nominal 4½" Wall | | Nominal 5" Wall | |
| | | | | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) | Actual Wall Thickness (in.) | Insulation O.D. (in.) |
| ½ | ⅝ | — | — | — | — | — | — | — | — | — | — | | |
| ¾ | ⅞ | — | — | — | — | — | — | — | — | — | — | | |
| 1 | 1⅛ | 3.21 | 7.57 | — | — | — | — | — | — | — | — | | |
| 1¼ | 1⅜ | 3.09 | 7.57 | — | — | — | — | — | — | — | — | | |
| 1½ | 1⅝ | 2.94 | 7.57 | — | — | — | — | — | — | — | — | | |
| 2 | 2⅛ | 3.21 | 8.57 | 3.71 | 9.57 | 4.28 | 10.70 | — | — | — | — | | |
| 2½ | 2⅝ | 2.96 | 8.57 | 3.46 | 9.57 | 4.03 | 10.70 | — | — | — | — | | |
| 3 | 3⅛ | 3.21 | 9.57 | 3.78 | 10.70 | 4.28 | 11.70 | 4.78 | 12.70 | 5.40 | 13.95 | | |
| 3½ | 3⅝ | 2.96 | 9.57 | 3.53 | 10.70 | 4.03 | 11.70 | 4.53 | 12.70 | 5.15 | 13.95 | | |
| 4 | 4⅛ | 3.28 | 10.70 | 3.78 | 11.70 | 4.28 | 12.70 | 4.90 | 13.95 | 5.40 | 14.95 | | |
| 5 | 5⅛ | 3.28 | 11.70 | 3.78 | 12.70 | 4.40 | 13.95 | 4.90 | 14.95 | 5.40 | 15.95 | | |
| 6 | 6⅛ | 3.28 | 12.70 | 3.90 | 13.95 | 4.40 | 14.95 | 4.90 | 15.95 | 5.40 | 16.95 | | |



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